

CLAIMS

1. Composition of gum base for environment-friendly chewing gum, comprising a swelling agent
5 selected from the group comprising granular starches, in particular hydroxypropylated, ethoxylated and carboxymethylated starches, that can possibly be additionally crosslinked, dried A-granule wheat starch and pregelatinized starches with disintegrating power.
- 10 2. Composition of gum base according to Claim 1, wherein the swelling agent represents from 1 to 50 % by weight of the total weight of the gum base.
3. Composition of gum base according to Claim 2, wherein the gum base contains from 1 to 35 % by weight,
15 preferably from 5 to 25 % by weight of said swelling agent.
4. Chewing gum comprising a gum base composition according to Claim 1.
5. Chewing gum according to Claim 4, comprising
20 from 15 to 60 % by weight of the said gum base.
6. Chewing gum according to Claims 5, comprising from 20 to 40 % by weight of said gum base.
7. Environment-friendly chewing gum, comprising by weight relative to its total dry matter:
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 - from 15 to 50% of gum base
 - from 1 to 15% of swelling agent
 - from 0.5 to 80% of at least one crystallized polyol
 - from 0 to 10% of a syrup of maltitol
 - 30 - from 0 to 10% of a plasticizer,said swelling agent being selected from the group comprising the granular starches, in particular hydroxypropylated, ethoxylated and carboxymethylated starches, that can possibly be additionally
35 crosslinked, dried A-granule wheat starch and pregelatinized starches with disintegrating power.
8. Method of preparation of an environment-friendly chewing gum, wherein a swelling agent is selected from the group comprising granular starches,

in particular hydroxypropylated, ethoxylated and carboxymethylated starches, dried A-granule wheat starch and pregelatinized starches with disintegrating power, is incorporated in the gum base.

- 5 9. Method according to Claim 8, wherein the amount of said swelling agent that is incorporated in the gum base varies from 1 to 50% by weight relative to the total weight of the gum base.